

The following Listing of the claims will replace all prior versions and all prior listings of the claims in the present application.

Claims 1-38, 42, 44-73, 75, 76, 80-84 and 108 are cancelled.

1. (Canceled)
2. (Canceled)
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13. (Canceled)
14. (Canceled)
15. (Canceled)
16. (Canceled)
17. (Canceled)
18. (Canceled)
19. (Canceled)
20. (Canceled)
21. (Canceled)

22. (Canceled)
23. (Canceled)
24. (Canceled)
25. (Canceled)
26. (Canceled)
27. (Canceled)
28. (Canceled)
29. (Canceled)
30. (Canceled)
31. (Canceled)
32. (Canceled)
33. (Canceled)
34. (Canceled)
35. (Canceled)
36. (Canceled)
37. (Canceled)
38. (Canceled)
39. (Previously Amended) An isolated nestin-positive human pancreatic or liver stem cell that is not a neural stem cell , wherein said stem cell is at least 30% pure.
40. (Previously Amended) The isolated stem cell of any one of claims 39 and 85 through 94, wherein said nestin-positive human pancreatic or liver stem cell is also GLP-1R-positive.
41. (Previously Amended) An isolated GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 30% pure.
42. (Canceled)

43. (Previously Amended) The isolated stem cell of any one of 109, 110 and 111, wherein said stem cell differentiates to form at least one of: insulin-producing beta cells, glucagon-producing alpha cells; pseudo-islet like aggregates; and hepatocytes.

44. (Canceled)

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68. (Canceled)

69. (Canceled)

70. (Canceled)

71. (Canceled)

72. (Canceled)

73. (Canceled)

74. (Previously Amended) A pharmaceutical composition comprising the isolated stem cell of claim 109, 110 or 111 admixed with a physiologically compatible carrier.

75. (Canceled)

76. (Canceled)

77. (Previously Presented) An isolated nestin-positive, GLP-1R-positive or nestin and GLP-1R-positive human pancreatic stem cell isolated by:

a) removing a pancreatic islet from a donor;

b) removing cells from said pancreatic islet wherein said islet comprises a plurality of cell types comprising stem cells; and

c) separating said stem cells from said plurality of cells.

78. (Previously Presented) The isolated stem cell of claim 77 that differentiates to form at least one of: insulin-producing beta cells, glucagon-producing alpha cells; pseudo-islet like aggregates; and hepatocytes.

79. (Previously Presented) A pharmaceutical composition comprising the isolated stem cell of claim 77 admixed with a physiologically compatible carrier.

80. (Canceled)

81. (Canceled)

82. (Canceled)

83. (Canceled)

84. (Canceled)

85. (Previously Amended) An isolated composition comprising at least 40%, nestin-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 40% pure.

86. (Previously Amended) An isolated nestin-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 50% pure.

87. (Previously Amended) An isolated composition comprising at least 60%, nestin-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 60% pure.

88. (Previously Amended) An isolated nestin-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 70% pure.

89. (Previously Amended) An isolated nestin-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 80% pure.

90. (Previously Amended) An isolated composition comprising at least 85%, nestin-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 85% pure.

91. (Previously Amended) An isolated nestin-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 90% pure.

92. (Previously Amended) An isolated nestin-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 95% pure.

93. (Previously Amended) An isolated nestin-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 98% pure.

94. (Previously Amended) An isolated nestin-positive human pancreatic or liver stem cell

that is not a neural stem cell wherein said stem cell is at least 99% pure.

95. (Previously Amended) An isolated GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 40% pure.

96. (Previously Amended) An isolated GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 50% pure.

97. (Previously Amended) An isolated GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 60% pure.

98. (Previously Amended) An isolated GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 70% pure.

99. (Previously Amended) An isolated GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 80% pure.

100. (Previously Amended) An isolated GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 85% pure.

101. (Previously Amended) An isolated GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 90% pure.

102. (Previously Amended) An isolated GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 95% pure.

103. (Previously Amended) An isolated GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 98% pure.

104. (Previously Amended) An isolated GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said stem cell is at least 99% pure.

105. (Previously Presented) An isolated, nestin-positive, GLP-1R positive or nestin and GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell, wherein said cell is isolated from a pancreatic islet.

106. (Previously Presented) The isolated stem cell of claim 105 that differentiates to form at least one of: insulin-producing beta cells, glucagon-producing alpha cells; pseudo-islet like aggregates; and hepatocytes.

107. (Previously Presented) A pharmaceutical composition comprising the stem cell of claim 105, admixed with a physiologically compatible carrier.

108. (Canceled)

109. (Previously Presented) An isolated nestin-positive human pancreatic or liver stem cell that is not a neural stem cell.

110. (Previously Presented) The isolated stem cell of claim 109, wherein said nestin-positive human pancreatic or liver stem cell is also GLP-1R-positive.

111. (Previously Presented) An isolated GLP-1R-positive human pancreatic or liver stem cell that is not a neural stem cell.